

Claims

1. Pigment granulate for the coloring of homopolar media, like asphalt, bitumen, bituminous materials, tar, and plastics, manufactured from a mixture containing pigments, at least one agent to promote the coloring and the distribution of pigment in homopolar media and/or at least one dispersant for polar systems as well as solvents if necessary.
2. Granulate in accordance with Claim 1, **characterized by** the agent to promote the coloring and the distribution of pigment in homopolar media being chosen from the wax group.
3. Granulate in accordance with Claim 2, **characterized by** the wax having a melting point in the 50°C to 200°C range.
4. Granulate in accordance with Claim 3, **characterized by** the wax having a melting point in the 50°C to 130°C range.
5. Granulate in accordance with one of Claims 2 to 4, **characterized by** the wax containing mixtures of non-ionogenic waxes and/or waxes with anionic ionogeneity and/or waxes with cationic ionogeneity.
6. Granulate in accordance with one of Claims 2 to 5, **characterized by** the wax containing a mixture of polyethylene wax and styrene-acrylate wax.
7. Granulate in accordance with one of Claims 2 to 5, **characterized by** the wax containing a mixture of polyethylene wax and paraffin wax.

8. Granulate in accordance with one of the preceding claims,

characterized by the total quantity of the agent to promote the coloring and the distribution of pigment in homopolar media ranging from 0.1 to 5 percent by weight based on the total quantity of the mixture to be granulated.

9. Granulate in accordance with Claim 8,

characterized by the total quantity of the agent to promote the coloring and the distribution of pigment in homopolar media ranging from 0.4 to 3.5 percent by weight based on the total quantity of the mixture to be granulated.

10. Granulate in accordance with Claim 1,

characterized by the dispersant for polar systems being chosen from the group of mono- or polyhydroxy compounds, mono- or polyhydroxyamine compounds, (poly)carboxylates, polyacrylates, lignin sulfonate, sulfated polyglycol ethers, melamine formaldehyde condensates, naphthalene formaldehyde condensates, alkyl-, aryl, or alkylaryl sulfonates, polyglycols, polyglycol derivatives, polyethers, phosphates, silicates, aluminates, borates, cellulose derivatives, and combinations of these compounds.

11. Granulate in accordance with Claim 10,

characterized by the hydroxyamine compounds including aminoethyl propanols.

12. Granulate in accordance with Claim 10,

characterized by the hydroxy compounds including methyl propanols and glycols.

13. Granulate in accordance with Claim 1,

characterized by the total quantity of the dispersants for polar systems ranging from 0.1 to 3 percent by weight based on the total quantity of the mixture to be granulated.

14. Granulate in accordance with Claim 13, **characterized by** the total quantity of the dispersants for polar systems ranging from 0.25 to 1.7 percent by weight based on the total quantity of the mixture to be granulated.

15. Granulate in accordance with one of the preceding claims, **characterized by** the pigments being chosen from iron oxides and soot pigments.

16. Granulate in accordance with one of the preceding claims, **characterized by** the solvent or solvents being polar solvents, such as water in particular.

17. Process to manufacture a granulate in accordance with one of the preceding claims, **characterized by** pigments being mixed as a powder mixture or as a suspension in a solvent with at least one agent to promote the coloring and distribution in homopolar media and/or at least one dispersant for polar systems.

18. Process in accordance with Claim 17, **characterized by** the granulate being produced by compression, compacting, pressing, or briquetting, by pelletizing, spraying, or fluidized bed drying, or by means of a combination of the aforesaid processes.